



Water-Data Report NV-2005

09415515 WATER CANYON CREEK NEAR PRESTON, NV

LOWER COLORADO RIVER BASIN-LAKE MEAD, WHITE RIVER BASIN

LOCATION.--Lat 38°59'16", long 114°57'27" referenced to North American Datum of 1927, in SW ¼ NW ¼ sec.13, T.13 N., R.62 E., White Pine County, Hydrologic Unit 15010011, on right bank, and 7 mi northeast of Preston.

DRAINAGE AREA.--11 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1983 to Sep 1987, Mar 1990 to Dec 1994, Apr 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,400 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 90 ft³/s, Aug 16, 1984, gage height 5.92 ft; minimum daily discharge 0.01 ft³/s, Dec 23, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 14 ft³/s, Jul 25, 31, gage height, 5.25 ft; minimum daily discharge, 0.04 ft³/s, Nov 29, 30, Feb 3.

09415515 WATER CANYON CREEK NEAR PRESTON, NV—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.35	0.34	e0.05	e0.10	e0.10	0.18	4.1	9.4	4.5	8.3	8.1	7.6
2	0.37	0.61	e0.09	e0.10	e0.10	0.15	3.5	10	4.7	7.7	8.4	7.5
3	0.37	0.40	e0.09	e0.10	0.04	0.15	3.7	11	4.6	7.5	6.9	7.4
4	0.35	0.42	e0.09	e0.10	0.17	0.17	4.1	9.7	4.1	9.1	6.7	7.1
5	0.33	0.41	e0.09	e0.10	0.16	0.16	4.1	7.2	4.1	8.5	6.9	6.3
6	0.34	0.40	e0.09	e0.10	0.10	0.15	4.4	6.9	4.1	8.5	7.2	7.0
7	0.34	0.37	e0.09	e0.10	e0.10	0.15	5.5	6.4	4.3	8.1	7.0	7.3
8	0.33	0.38	e0.10	e0.10	0.06	0.15	6.1	5.8	4.4	10	7.9	7.7
9	0.33	0.34	e0.10	e0.10	e0.10	0.16	5.1	5.1	4.3	9.3	7.3	7.0
10	0.34	0.35	e0.10	e0.10	0.07	0.18	2.9	4.4	4.4	9.4	7.1	7.4
11	0.37	0.38	e0.10	e0.10	e0.07	0.32	3.3	4.4	4.6	9.8	8.5	7.5
12	0.39	0.37	e0.10	e0.10	e0.07	0.46	3.0	4.4	4.7	8.5	9.3	7.2
13	0.40	0.34	e0.10	e0.10	0.08	0.47	2.9	4.7	4.7	7.8	8.8	7.3
14	0.48	0.34	e0.10	e0.10	0.09	0.37	2.4	4.6	4.8	8.1	8.3	6.2
15	0.49	0.34	e0.10	e0.10	0.08	0.32	2.3	4.6	5.0	8.0	7.9	6.7
16	0.49	0.34	e0.10	e0.10	0.09	0.42	2.4	5.2	4.9	8.0	6.5	6.6
17	0.47	0.36	e0.10	0.08	0.08	0.43	2.6	5.7	5.1	7.6	6.5	6.4
18	0.48	0.33	e0.10	0.08	0.08	0.41	2.2	6.6	5.6	8.5	7.8	6.3
19	0.56	0.32	e0.10	0.08	0.10	0.39	2.0	6.8	6.2	8.8	6.9	6.0
20	0.77	0.27	e0.10	0.08	0.10	0.39	2.2	6.6	6.3	8.6	6.6	5.7
21	0.60	e0.24	e0.10	0.08	0.11	0.32	2.8	6.5	5.0	8.8	8.3	5.4
22	0.54	e0.26	e0.10	0.08	0.12	0.30	3.1	6.3	6.0	8.9	7.6	6.0
23	0.57	0.44	e0.10	0.08	0.12	1.3	3.7	6.2	6.1	8.9	7.6	5.7
24	0.58	0.25	e0.10	0.09	0.11	1.5	3.9	5.8	5.9	10	7.3	5.0
25	0.59	0.36	e0.10	0.10	0.10	1.4	4.1	5.4	6.3	11	8.0	5.2
26	0.59	0.30	e0.10	0.12	0.12	2.4	5.1	5.3	6.1	10	7.8	5.5
27	0.62	0.34	e0.10	0.11	0.15	0.92	6.3	4.9	8.3	9.3	7.8	7.0
28	0.60	0.15	e0.10	0.11	0.15	0.56	6.7	4.7	7.7	9.9	7.8	7.4
29	0.58	0.04	e0.10	0.12	---	1.6	7.2	4.5	7.8	9.7	7.8	7.3
30	0.45	e0.04	e0.10	0.12	---	3.7	8.2	4.6	8.3	8.8	7.8	7.6
31	0.45	---	e0.10	e0.12	---	4.6	---	4.7	---	9.0	7.6	---
Total	14.52	9.83	2.99	3.05	2.82	24.18	119.9	188.4	162.9	274.4	236.0	200.3
Mean	0.47	0.33	0.10	0.10	0.10	0.78	4.00	6.08	5.43	8.85	7.61	6.68
Max	0.77	0.61	0.10	0.12	0.17	4.6	8.2	11	8.3	11	9.3	7.7
Min	0.33	0.04	0.05	0.08	0.04	0.15	2.0	4.4	4.1	7.5	6.5	5.0
Ac-ft	29	19	5.9	6.0	5.6	48	238	374	323	544	468	397

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	2.18	1.61	1.34	1.20	1.11	1.47	1.81	1.77	2.23	2.82	2.68	2.52
Max	5.97	4.08	3.37	2.67	2.68	3.72	4.00	6.08	7.22	10.8	9.14	7.43
(WY)	(1984)	(1984)	(1984)	(1984)	(1984)	(1986)	(2005)	(2005)	(1983)	(1983)	(1983)	(1983)
Min	0.47	0.33	0.10	0.10	0.10	0.38	0.37	0.24	0.41	0.38	0.46	0.42
(WY)	(1991)	(2005)	(2005)	(2005)	(2005)	(1992)	(1990)	(1991)	(1991)	(1991)	(1992)	(1990)

09415515 WATER CANYON CREEK NEAR PRESTON, NV—Continued**SUMMARY STATISTICS**

	Calendar Year 2004	Water Year 2005	Water Years 1983 - 2005	
Annual total	162.96	1,239.29		
Annual mean	0.45	3.40	1.85	
Highest annual mean			3.98	1984
Lowest annual mean			0.43	1991
Highest daily mean	0.92	May 10	11	May 3
Lowest daily mean	0.04	Nov 29	0.04	Nov 29
Annual seven-day minimum	0.07	Nov 29	0.07	Nov 29
Maximum peak flow			14	Jul 25
Maximum peak stage			5.25	Jul 25
Annual runoff (ac-ft)	323	2,460	1,340	
10 percent exceeds	0.66	8.1	4.3	
50 percent exceeds	0.50	2.3	1.0	
90 percent exceeds	0.11	0.10	0.33	